Faculty approves biology core class

By Michael Gajer

The faculty endorsed the idea of adding a subject in biology to the Institute Science Requirement at Wednesday's faculty meeting, though the form of the requirement has yet to be determined. Several faculty members said they would propose alternatives to the Committee on the Undergraduate Program's planned two-semester pilot sequence in chemistry, materia-

les, and biology.

The addition of biology is the first major change in the science core in the last twenty-five years, according to Dean for Undergraduate Education Margaret L. A. MacVicar '65. The motivation for the change corresponds to the increasing importance of modern biology in recent years, she said. The motion approved the motion with only a handful of "no" votes.

CUP's motion before the faculty includes the development of the biology pilot along with a chemistry pilot (in molecular and/or solid state chemistry) "to enable satisfaction of core requirements [i.e., the two subjects] within two semesters." The motion also calls for consideration of a reduction in the number of Science Distribution subjects from ten to six.

One such change was the birth of the "Chemistry Core" motion, introduced by Associate Professor John L. Wyman Jr. '68 and Professor William T. Potts '91, to the Coop nominating committee. As a result, the faculty members said they would propose alternatives to the Coop nominating committee.

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CUP members have already made a proposal to eliminate the traditional "passing grades" system from the core requirements. CUP also proposed the addition of a new, more rigorous, " honors" grade, which would be available to students who meet certain criteria. The motion was to be held sometime in the next several weeks.

But faculty members did narrowly vote down (66-51) a proposed amendment to the CUP motion that would have limited the number of pass/no-credit to students for the first time. The amendment, introduced by Associate Professor John L. Wyman Jr. '68 and Professor William T. Potts '91, would set a maximum of two semesters for students to pass/no-credit with an "honors" grade in the core.

Another Watt/Peake amendment to the CUP motion was accepted by the faculty on a voice vote. It requires that first-term core students receive grades of C or better in order to receive pass/no-credit options.

The amended CUP proposal now requires one of the grades of C or better for student activity and student generated programs. Ideally, students are not being interviewed in a theoretical project of any sort — "including one-act plays" — to obtain a faculty sponsor and propose their project to the Ivy League. According to Brody, the one-act program has not been done well, and it has been restructured. Rather than a program for students, it is a program for student activity and student generated programs. "It's not what we meant," said Michael Malak '89, secretary of Dramashop, "we meant to do a program that would not be a professional program, but one which is still a serious project for students who want to study seriously some practical aspect of the theater."
Faculty amends P/F proposal, delays final vote

(continued from page 1)

Currently, credit is given for a grade of $A$ or $B$. In addition, the faculty voted down the CUP's plan on increased "inflexibility" in the first-year program. The plan would require that all students take one subject on pass/no-credit per term up to a maximum of seven. A grade of $C$ or better would be required for credit in all pass/no-credit subjects, including those taken in the first-year program.

Students themselves are an amendment to the CUP plan which would give students two options on when to switch to grades. The amendment, proposed by Professors Marc A. Kastner and Robert J. Birgeneau, adds to the CUP plan an option for freshmen to remain on pass/no-credit grading all year in exchange for a reduction in the number of pass/no-credit classes that could be taken after the first term from seven to three.

Consideration of the main motion and the Kastner/Birgeneau amendment was necessitated by a lack of time — the faculty meeting extended for over two and a half hours. Throughout the meeting about 20 students silently held placards from the audience reading "P/F" and "two terms" in large letters.

Critics: pass/no-fail sends wrong message

As at last month's meeting, Wyatt and Peake argued strongly against pass/no-credit grading, saying it hurt their poor study habits in vital core subjects. "Pass/no-fail is my primary argument for restricting second-term pass/fail," Wyatt said, "is that it sends a very wrong message to freshmen" on what it takes to get through the MIT curricula. Wyatt said that message is extremely destructive, for example, for students entering "the battlefield of Course VI."

Peake criticized the premise of pass/no-credit, saying it was based on deceiving employers and graduate schools by removing information from a student's transcript. He also said it gave students the erroneous message that grades of $A$, $B$, and $C$ were equivalent.

But several spokespeople disputed the assertion that freshmen do not study hard enough and that pass/no-credit leaves them unprepared for upperclass courses. Associate Provost S. J. Keever cited figures which indicated that heavy majoring freshmen were earning grades of $C$ or better in their classes. If these people are indeed doing well, Keever said, then these figures suggest three possibilities: freshmen are working harder; because they are so grade-conscious; or, teachers grade students on grades more on the line for pass/no-credit system actually works.

Keeyer discounted the first possibility, saying it was more likely that students do better on system because they are able to upperclassmen. He take subjects in interest them, rather than having to fulfill core requirements. He doubted that the idea that interest freshmen classes was as valid as the original reasons for implementing it.

What the available data suggest, Keeny concluded, is that the pass/fail system does indeed work in allowing students the opportunity to build a solid academic foundation in their first years.

Professor Robert S. Kennedy '79, who is housemaster McGregor House, said that he saw no difference in the study habits of freshmen and upperclassmen. Late at night at McGregor, Kennedy said he regularly saw freshmen as well as upperclassmen staying up to finish problem sets and homework.

Conversely, Undergraduate Associate Vice President Alan Davids- son '89 criticized the idea that students would let their education be harmed by pass/no-credit grading. While pass/no-credit may relieve anxiety about grades, it does not cause students to stop caring about learning, he said.

Do freshmen overload?

The CUP's motion represents a "middle ground," according to Professor Nelson R. Canizares, a member of the Committee on the First-Year Program who formed the basis for the CUP proposal. The CFPF believed the pass/no-credit changes would result in better "intellectual quality," Canizares said.

In particular, the CFPF argued that eliminating second-term pass/no-credit would encourage freshmen from "overloading" — taking more classes than they can handle. Canizares noted that students' coursework load off sharply after the first year. He suggested that if students took fewer classes or even underloaded — an option which only 13 percent of freshmen exercise — the result would be a decrease in pace and pressure.

William F. McGrath '89, student representative on the CUP, countered that the students who overload are usually the ones who are best able to handle coursework. He said Undergraduate Academic Support Office figures show that "overloaders" mostly had higher SAT scores and better grades than other students.

McGrath further noted that 85 percent of freshmen get a grade of $C$ or better in their classes, and 55 percent get a $B$ or better. The faculty would be sending conflicting messages to students if they give good grades to students and yet claim that students are not doing well enough.

P/F supporters: little evidence has been given

McGrath criticized the whole pass/no-credit debate, saying that faculty members who support the CUP motion have not collected adequate statistical information, that the goals of the pass/no-credit system seem to be "such a move pass/fail even if the result is to send a dishonest message". The quality of the debate is bending "cynicism about MIT's commitment to a serious review of the curriculum," McGrath said.

The proposals made to revise the pass/no-credit system seem to be "too few and too late in search of a rational rather than policies which have been taken from the known evidence, McGrath said. "The evidence that freshmen fahsage pass/fail) is greater, agreed Professor James E. R. Northboim. "I have not seen a scintilla of evidence that the evidence necessary to justify the CUP proposal. Also, too much of the evidence given for cutting back on pass/no-credit is anecdotal, Brighton said.

Peake dismissed such criticisms, remarking that the evidence against pass/no-credit is not as good as the original reasons for implementing it. Pace and pressure

Professor Graham C. Walker said that his experience as housemaster of McCormick had left him very uncomfortable with the probable effect of the CUP proposal. It would unnecessarily increase the pace and pressure of life at MIT for freshmen, Walker said.

Faculty members who dismiss this concern do not understand the nature of undergraduate life, at the Institute, Walker said. "You don't sense it," he said of the anxiety among students. Walker suggested it might be beneficial for every faculty member to spend a year living in undergraduate housing before deciding how hard undergraduate work or how much pressure they are under.

Putting freshmen on grades would "bring into sharp relief" differences in background among students, argued UASO head Dr. Robert S. Merritt. As it stands, freshmen pass/no-credit allows students with relatively weak backgrounds to catch up to their peers.

"A full year of pass/no-record grading has for a long time served a hallowed purpose. Let it be," Merritt said.

Wyatt rejected arguments that elimination of second-term pass/ no-credit would increase the pace and pressure of freshmen life unnecessarily. When he was an undergraduate student,

undergraduate — before the introduction of freshman pass/fail — the pace and pressure of MIT life was no more severe than it is now, Wyatt claimed. The only difference, he said, was that the pressure was more spread out: freshmen worked harder, but sophomores had an easier time.
The Senate has approved a record $157 billion reform of police roadblock along the northern Mexico coast to Mexico City yesterday. Wilmer Salcido was arrested at an airport in northern California's Sonoma County Friday was flown to a Puerto Rican base yesterday.

Mexican killer faces extradition to US
The winery worker suspected of murdering seven people in northern California's Sonoma County Friday was flown to Mexico City yesterday. Wilmer Salcido was arrested at a police roadblock along the northern Mexico coast Wednesday. Salcido, who has confessed to the killings, will be questioned by police. While a Mexican official said Salcido could be handed over to US officials in a day or so, US authorities said extradition could take months — since Salcido is a Mexican citizen.

Bush says conscience clear about Iran-contra
In light of new questions about his involvement in the Iran-contra affair, President Bush said his conscience is clear. Bush said he will cooperate with any requests to provide more information. Documents from the Iran-contra trial have indicated Bush may have played a bigger role in the operation than he has acknowledged previously.

Senate votes to save S&L industry
The Senate has approved a record $157 billion reform bill designed to bail-out the savings-and-loan industry. The legislation, which would require thrifts and their owners to pay more of their own money as it seeks to stay in business, would represent the biggest government financial rescue in history. Similar legislation is moving through the House.

North jury begins deliberation
The jury in the Oliver North Iran-contra trial began deliberation Wednesday. An explosion in one of the 16-inch gun turrets of the battleship USS Iowa in late January killed 47 sailors, one of whom committed suicide. An explosion in one of the 16-inch gun turrets of the battleship USS Iowa in late January killed 47 sailors, one of whom committed suicide. The explosion marked one of the worst peacetime military disasters in recent US history.

An explosion in one of the 16-inch gun turrets of the battleship USS Iowa during a gunnery exercise off Puerto Rico resulted in the death of 47 sailors — one of whom was an officer — and the injury of many others Wednesday. Called "a great tragedy and a matter of terrible sadness" by President Bush, the explosion marked one of the worst peacetime military disasters in recent US history. The battleship received medical support from the aircraft carrier USS Coral Sea before it arrived at a Puerto Rican base yesterday.

Judge acquitted of drunk driving
Superior Court Judge Joseph Mitchell was acquitted yesterday of drunk driving. The 63-year-old Mitchell, who is the oldest sitting judge in the Superior Court system, was arrested outside of his Newton home last Saturday. He refused to take a sobriety test and later said that breath analysis tests can be rigged by police. Mitchell was arrested about 30 minutes after leaving a dinner meeting at the home of Boston University President John Silber, who testified that the judge did not appear to be drunk when he left. Ruling at a non-jury trial, Newton District Court Judge William Hogan said he did not feel the state had met the burden of proof beyond a reasonable doubt that Mitchell's ability to drive had been impaired by too much alcohol. However, he fined Mitchell $100 for failing to remain on the right side of the road.

Guerrillas accused of Salvadoran assassination
Both the US ambassador to El Salvador and that country's president-elect have blamed leftist guerrillas for Wednesday's killing of El Salvador's attorney general. The officials said the assassination is part of a campaign to road El Salvador's new government or military into human rights abuses.

US military officer shot in Philippines
Filipino police say a US military officer was shot yesterday. A police spokesman would not identify the officer other than to say he is a colonel. The officer was apparently shot as he was driving his car to work. There is no word on who was behind the attack. A US embassy spokesman confirmed the shooting but added no details.

Palestinians linked to Pan Am bombing
The Weiz German government acknowledged Wednesday that its investigation of two jailed Palestinians could be linked to the bombing of Pan Am Flight 103. That conclusion came after a third bomb was found in the same apartment where two other explosive devices hidden in radio were found last week. British investigators had previously reported that the Pan Am crash was caused by plastic explosives hidden in a radio.

US eliminated in World Hockey Championships
Sweden's 6-1 victory over Finland on Wednesday eliminated the US hockey team from medal consideration at the World Championships in Stockholm. Goals by Corey Millen, Paul Fenton, Brian Leetch and Dave Stglomer against Czechoslovakia were not enough to save the Americans from their fourth consecutive defeat earlier that day.

Weather
The weather pattern over New England has been somewhat dry this week and should continue to be dry. The only significant weather-maker will be a cold front that will pass through our area later tonight bringing a chance of some light rain showers and colder weather.


Tonight: Mostly cloudy with a chance of light rain showers. Low near 40°F (4°C). Winds southwest 10-15 mph (16-24 km/h) becoming northwest 10-20 mph (16-32 km/h).


Sunday: Mostly sunny and cool. A morning low of 35°F (2°C). High temperature will be 50-55°F (10-13°C)

Forecasted by Robert J. Conzemius

Compiled by Linda D'Angelo, David P. Hamilton, and Thomas T. Haubig
Women's rights march should have received earlier attention

Between two and three hundred people gathered on the way to the Women's Rights and Activism March on April 8. This March was organized by MIT students, primarily female. The event was one of many coordinated around the country. The purposes of the March are not rapeable offenses. "She just 'cried rape' later, because she felt guilty having sex." Rape is a campus epidemic. It devastates victims, both physically and emotionally. It cripples our society. It has spread from the street into the bedroom as acquaintance rape has gained foothold on our campus. Consider some research findings:

- More than half of all college women have been victims of some form of sexual violence.
- Of these, 1 in 4 women surveyed were victims of rape or attempted rape.
- 44 percent of these raped women knew their attackers.
- Rape is the most frequently committed violent crime in the United States, and it has the lowest rate of reporting due to ignorance. People who are raped are not reporting. They are raped and then they have something illegal happen to them. They believe myths that victims described to the fact that they were raped because of their inability to dress or because of their ignorance.

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A young man's murder and the life of the inner city

Column by Thomas T. Huang

GREENSBORO, NC — High school teachers remember Nathaniel Williams as a quiet, easy-going student-athlete who went by the nickname "Toon," a name he had carried since childhood. He had a learning disability, yet he came to class every day and tried hard to complete his homework.

But after he graduated in 1986, his crack wasn't there. Now it's all hard-core. Why? Because President George Bush is an old oil man. In other words, the polluters run the government.

Joseph Zaia Γ

Government must punish corporate polluters

Why does our government fail to act to prevent further trashing of the environment by corporations that do not see pollution prevention as worth the cost?

Many companies, Exxon included, operate in an environmentally irresponsible manner. I suggest that our government treat them the way it treats companies which act in a financially irresponsible manner. That is, by turning company operations over to a court-appointed trustee.

The trustee of the environmentally offensive company would see that all creditors' claims were paid, selling company assets and reorganizing as necessary. The creditors in this case would be the government and the public. The company would owe the full price of restoring the environment to its unperturbed state, and the price of full economic and personal restitution to those whose lives were affected by the damage.

Under the current system, the creditors of the environmental offender go unpaid. Take for example the recent Valdez oil spill, courtesy of Exxon Corporation. The government incurs a cost by cleaning up the mess (the inadequacy of Exxon's cleanup is already reported). The Alaskan health care costs due to loss of business and loss of businesses dependent on the fishing industry. The final piece of the cost of increased oil prices which Exxon has already had the gall to announce. So doesn't it make sense that the government will make Exxon pay for all of these costs? Therefore, the present system must change.

The Valdez oil spill helps explain why our government has not implemented the commonsense measure outlined here. To summarize, Exxon did not take the care to pony up its special tanks. The citizens of the United States have lost Prince William Sound. Exxon will not pay full restitution. Taxpayers will should the several forms of cost. Because President George Bush is an old oil man. In other words, the polluters run the government.

Scott Hodes

Letters and editorial policy

Editorials, feature stories, and commentary in a distinctive format are the official opinion of The Tech. They are written by The Tech's editorial board.

Letters to the Editor are addressed to our editors. Letters should be brief, under 150 words, signed, and include the author's name, school, class year, and any other pertinent information. We reserve the right to edit for length, clarity, and content.

Letters are subject to publication. The Tech will publish letters anonymously only in rare circumstances, at the editors' discretion. Letters to the Editor may be addressed to the Tech's Office of the Student Senate, the MIT Student Senate, or to the editor.

ROTC committee seeks input

I am chairman of an ad hoc committee that was appointed by Dean of Undergraduate Education Margaret L. A. MacVicar to consider ways to improve the relationship between MIT and the Reserve Officer Training Corps programs (ROTC). My committee and I are seeking comments from students, faculty, and staff. An objective of our charge is to identify issues of concern to both MIT and the ROTC units. The committee is charged to resolve issues wherever possible or to recommend an appropriate path or mechanism for further action.

To date, the committee's work has been to identify issues that exist between the MIT community and to the ROTC programs. The committee agrees that there is great variety, ranging from AIDS testing policies to harassment of MIT students and the ROTC. Students, staff, and faculty are encouraged to write to me.

Marchers fear erosion of rights

Granted that in an estimated crowd of 300,000-600,000 people each individual's experience will be unique, however my perusal of the National Organization for Women's March on Washington for Women's Rights differ on several accounts from those of David A. Anthony's "March: Pro-choice draws diverse elements." MIT sends 400 to pro-choice march. April 14.

Many members of the MIT community who are for Choice believe that women are entitled to exercise their freedom to choose. As a result, antichoice and anti-choice organizations have resorted to various tactics to "harassment of women's pro-choice rights."

Marchers were asked by the caliper and sacrifice of all the Marchers I am a pro-choice advocate. Perhaps you have never attended a "Free Barbara Bush" from the Capitol's steps.

I am opposed by the caliber and sacrifice of all the Marchers I am a pro-choice advocate. Perhaps you have never attended a "Free Barbara Bush" from the Capitol's steps.
"HOW I MADE $18,000 FOR COLLEGE BY WORKING WEEKENDS."

As soon as I finished Advanced Training, the Guard gave me a cash bonus of $2,000. I'm also getting another $5,000 for tuition and books, thanks to the New GI Bill.

Not to mention my monthly Army Guard paychecks. They'll add up to more than $11,000 over the six years I'm in the Guard.

And if I take out a college loan, the Guard will help me pay it back—up to $1,500 a year, plus interest.

It all adds up to $18,000—or more—for college for just a little of my time. And that's a heck-of a better deal than any car wash will give you.

THE GUARD CAN HELP PUT YOU THROUGH COLLEGE, TOO. SEE YOUR LOCAL RECRUITER FOR DETAILS, CALL TOLL-FREE 800-638-7600. OR MAIL THIS COUPON.

By Taro Ohkawa

When my friends and I graduated from high school, we all took part-time jobs to pay for college.

They ended up in car washes and hamburger joints, putting in long hours for little pay.

Not me. My job takes just one weekend a month and two weeks a year. Yet, I'm earning $18,000 for college. Because I joined my local Army National Guard.

They're the people who help our state during emergencies like hurricanes and floods. They're also an important part of our country's military defense.

So, since I'm helping them do such an important job, they're helping me make it through school.

Army National Guard

Americans At Their Best.
Move toward biology requirement wins support

(continued from page 1)

In addition, the CUP motion recommending the establishment of a Committee on the Science Component of the General Institute Requirements. The objectives cited in the motion for this committee: (1) a review of the objectives of the new pilot courses and recommendations for the inclusion of biology in the science component of the General Institute Requirements; (2) a review of the objectives of the Science Distribution Requirement and of the quality of individual Science Distribution subjects; and (3) an ongoing review of the science component of the General Institute Requirements.

CUP will formalize its motion in the next few months, MacVitie said.

New theater director generates controversy

(continued from page 1)

and most exciting theatre that students want and to open them up to all kinds of ways to do it." According to Brody, "in the past theater at MIT has been riddled with politics and problems involving space and power. Many of these problems got in the way of the energy of making theater. My major focus is to get as much theater made as possible and to have it made by and for the students."

Although Dramashop members have the same basic objective as Brody, they do not agree with all of his methods or initiatives. One thing that created some controversy was the IAP performance of Aha. Originally auditions were held for Skin of Our Teeth by Thornton Wilder. But due to low turnout, an alternative improvisational production called Aha was created. "Aha was completely unlike anything Dramashop had ever done before. Many of us do not believe it was theater," said Clark. Jonathan Rockman, publicity director of Dramashop, added that "some of us were embarrassed."

Brody, however, was thrilled with the Aha outcome. "The kind of courage and commitment that the company brought to the production was extraordinary. I was a little disappointed that the students themselves didn't honor the work as much as I did."

Most of the Theater Arts Program changes involved the curriculum. However the change that lead to an adverse reaction from Dramashop students was the replacement of Bob Scanlan by Bill Fregosi as interim acting director of Dramashop. Although Fregosi had been involved in Dramashop in the past and would bring a certain continuity to the program, Scanlan was highly regarded by the students and those that have worked with him do not want to lose him.

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**DER ROSENKAVALIER**

By Richard Strauss.

Operetta Company of Boston, conducted by William Fred Scott. Directed by Lisi Oliver.

The Opera House, Washington St., Boston.

April 13 at 8 pm; April 16 & 23 at 3 pm. Rush tickets may be available for $15 with student ID from 2 pm on April 21.

By JONATHAN RICHMOND

* How come Ochs gets such wonderful music? *

If asked Opera Company of Boston Artistic Director Sarah Caldwell, who was for once enjoying the opera from a seat in the house, rather than conducting the proceedings on stage, she's all he gets," replied Caldwell of the un-gallant lecher, whose advances only lead to even more humiliating embarrassments and failure in Richard Strauss's Der Rosenkaivaler. But Strauss's music is no noo-booby prize, especially when played by the Opera Company orchestra.

This is a Rosenkaivaler Worth Seeing: The singing of Ovyneth Jones as the Marschallin and Jeanne Ommerle as Sophie is ravishing; the buffoonery of Wil- liam Scott, staged by Lisi Oliver, is awesomely hilarious, the staging of the final Act emphasized every element of the comic, but its conclusions were touching. The sequence of events during which Ochs believes he can seduce "Mariandel" (Octavian out to dupe Ochs some more), is brought off with a delightful wit. The room at the inn — with its heads popping out of concealed panels — is nicely designed by Herbert Sinn and Helen Pond. Delia Wallis acts just as well as the singers, while Wildermann is riotously funny as the terrorized Ochs. His voice is strong, but he is also adept at extracting the maximum humor from his lines.

I loved the scene where Anina (Jan Cur-tis), an accomplice in the fooling of Ochs, turns up with a bunch of brattish children she calls Ochs's. Ovyneth Jones (who will be replaced at the final performance on Sunday by Kay Griffith) put in her most glorious singing towards the opera's conclusion, as the Marschallin acknowledges that she has lost her young lover, Octavian. The scene with Jones, Ommerle and Wallis was very powerful; after the humor, it seemed to be able to touch the deepest emotions all the more profoundly, as well as evoke the finest singing of the evening.

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Students can attend the remaining Sunday performance of the Opera Company of Boston's Der Rosenkaivaler for only $15. Tickets will be available at the Opera House door one hour before curtain, and subject to availability, not at TCA. Tickets for Pro Arte are on sale at the Technology Community Association, W20-450 in the Student Center (Opera tickets at the Opera House only). TCA offices are open only limited hours, office hours are posted on the door; alternatively, you can call x3-4885 before walking over.

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Henri V
The Shakespeare Ensemble at MIT. Sala de Puerto Rico. April 21-23, 27-29, 8 pm.

By Michael J. Garrison

W hen it is that in a play about one of England's most popular and successful kings, a Welsh captain whom no lines until the third act always manages to steal the show? Whatever the reason, the Shakespeare Ensemble production of Henry V was no exception—Fluellen (Tom Woodman) "slyly walked away with all of the best scenes.

Woodman's likey voiced carrying the scintillating words and the most humor of the soldier out to the audience, where they contrasted with the high-flown patriotism of the English nobles, the earthy follies of the low-born and the blind self-adoration with performances Saturday and Sunday at the Boston Center for the Arts (Near Lafayette Square, Boston. Continues through May 7).

The Poet's and Pint's plays and their handsomely printed form, most of the inspiring speeches in Shakespeare left me unmoved. His performance was energetic, emotional, and technically superb, but he just didn't move me the way others have done. Both Richard and Randob seemed to be playing a championship performance on the day of the battle at Agincourt. Unfortunatly for much of the play remained after that.

Richard did seem to move into his element when the action shifted from kings to shaggy looking court. He was adorable as the unpracticed Harry trying to court Princess Katherine. She knows only broken English and he even less French. Richard had to perform the amazing task of courting (by five minutes), and winning, a princess who didn't even speak his language. And it worked—he his passion was unmakable, even when spurred in a mispronounced French/English hybrid.

The design of the stage deserved more mention than can be done here. Essentially a platform surrounded on three sides by the audience, the stage was very much what Shakespeare himself worked with. It was enjoyable to see a play which was not presented to only one side direction.

Some of the lighting effects were also very impressive. The scene in which the Chorus announced the existence of the traitors (all decked out as agents of some kind of 14th century KGB) was especially well designed. The canonsiere at Harl

Henri V was also very well done. The performance was generally very entertaining, especially the supporting characters and plots. If only the end; Henry himself were a little more like Oliver North and a little less like the captain of a battleship, the production would have been flawless.

The rest of the supporting cast also had a wonderful showing. Vic Tulli '91, as the French Dolph, played the consummate rascal, while the French Constable (John Wolfe '98) and the Duke of Orleans (Jimday Hussein '91) also scored big as his master soul-mates. Even though featuring TatakiUnits, but the scene in which Tulli described his horse as his mistake was marvelous.

King Henry V (Eric Sven Ristad G) with cousin Earl of Westmorland (Robert Grob '91) at his side, addresses the governor of Harl.

Princess Katherine. She knows only broken English and he even less French. Richard had to perform the amazing task of courting (by five minutes), and winning, a princess who didn't even speak his language. And it worked—he his passion was unmakable, even when spurred in a mispronounced French/English hybrid.

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Film masterpiece shows how efficiency replaces happiness in Sweden

SAGOLANDET (LAND OF DREAMS)

Directed and photographed by Jan Troell. 
With Johanna, Rollo May, Ingvar Carlson, and Tage Erlander. Plays tonight, at 7:30 pm only, at the Museum of Fine Arts.

By MANAVENDRA K. THAKUR

Effort since logman Bergman retired from active filmmaking, no American has lost whatever contact they once had with Swedish cinema. In fact, Lars von Hallstrom's My Life as a Dog is the only Swedish film that has recently been distributed in the United States. Ironically, that charming and poignant film re-introduced Americans to Swedish cinema just as a wave of quality Swedish filmmaking was ending. Swedish cinema went into a slump in the mid 1980s, and - like the state of American cinema during the 1990s - documentaries have since become the prime source of innovation and vitality in Sweden today.

Jan Troell's Sagolandet ("Land of Dreams") is one of these new documentaries, and in less than ten minutes it completely supersedes any expectations one might have for a 15-minute documentary about life in modern-day Sweden. At once, intensely personal and of universal value, the film is a poetic masterpiece that transcends its immediate relevance; the film not only keeps the spirit of originality and creativity alive, but also sets a new standard of excellence for documentary filmmaking.

Time and time again, Troell's film paints a bleak picture of a land where order, rationality, and efficiency take precedence over happiness, joy, and imagination. Troell protests that the long record of human violence against nature has in turn dehumanized humans themselves, and the film series for a "Land of Dreams" that would encourage exploration of individual potential rather than stifling it. This theme might be summarized as the value of imagination versus the benefits of rationality, and Troell gives it much more thought than any simple get-back-to-nature message or anti-technology diatribe. Furthermore, Troell is eminently successful in translating the thematic generalities into terms particularly relevant to the Sweden of today.

Sweden has, for example, taken giant strides toward securing political and economic security for all its citizens. In fact, progressive reformers in other countries have long pointed to Sweden as the success story of the modern welfare state. Few foreigners realize, however, that Sweden's material prosperity has induced Swedish culture with a certain sense of coldness, emptiness, and even sterility. This is the fundamental contradiction of Swedish culture, and Troell astutely recognizes that it has several dimensions, ranging from the broadly political and economic to the personal and practical. Troell explores all of these considerations from the inside out as he gives passionate expression to their implications.

Because Troell engages his viewers with both personal and cultural introspection, his film is already praiseworthy in and of itself. If that were all the film did, however, it would merely be a notable accomplishment. What makes this film into a palatable masterpiece is the intimate and symbiotic relationship between the film's cinematic style and Troell's reasons for making the film. Each benefit from the other. Cinematography and Troell consistently manipulates the two brilliantly.

The opening sequence combines lyrical moments with strong documentary footage, and begins to clarify the vital differences between joy and mere happiness, a distinction important to the film's theme. Troell creates a tightly coherent structure of over 80 hours of raw footage. Just after the opening credits are over, for example, Troell includes footage of a dog show. Some time later, the film shows loggers employing large machines to cut down trees in less than 10 seconds each. Another sequence follows a professional dog-killer (at a dog pound) as he kills a dog instantaneously and "painlessly."

These seemingly disparate moments are in reality closely related because they show how the pursuit of efficiency can transform passive dominance into active destruction. Troell is at his poetic best while pointing out such relationships, and the above sequence is but one example of how instinctively Troell constructs his film.

In terms of overall structure, the film is divided into several sections. Each section focuses on a specific place or group of individuals and then cuts back to quieter philosophical commentary by the American psychiatrist Rollo May, whose statements about joy versus happiness begin the film. Also recurring are some political arguments between Ingvar Carlson and Tage Erlander - whom most viewers won't recognize as the present and past prime ministers of Sweden. Neither of the two look, talk, or act like typical politicians, which is probably why Troell was interested in interviewing them in the first place.

Also seen throughout the film is Johanna, Troell's young daughter. Troell began photographing her from birth; she shows her learning to walk, climbing stairs, riding happily on a circus merry-go-round. Not once, however, does the film resemble a home movie. Rather, Troell photographs Johanna to express his own joy - the true Rollo May sense of the word - at becoming a father for the first time at age 50. Troell can share his intensely personal emotions with viewers in a meaningful way because his emotions point to the essence of what he is addressing in his film. The presence of Johanna throughout the film forcefully underscores how inseparable Jan Troell is from his film. The two are one and the same.

No other filmmaker in recent memory has created an intimate documentary with so broad a value as this. Sagolandet sustains factual objectivity with poetic creativity and therefore works in markedly different ways from the typical cinema verite documentary. While one might take issue with Troell's point of view and the film's arguments, the film is an indisputable masterpiece on an artistic level. Because the film embodies the very same qualities that it says are missing from Swedish society, the film maintains its self-consistency at the same time that it adopts a leadership role. For all of these reasons, and many others, Sagolandet is a crowning achievement of international cinema and a supreme personal triumph for Jan Troell. One can only wonder to what heights Troell will climb from here.

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THE ALVIN AILEY
AMERICAN DANCE THEATER

"Shards" by Donald Byrd (remixed), "Maskekula Language" by Alvin Ailey, "The Stack-Up" by Talley Beatty.

Wang Celebrity Series
At the Wang Center, Thursday, April 13.

By PETER DUNN

C

elebrating its 30th anniversary, the Alvin Ailey American Dance Theater sashayed into Beantown last week for another energizing, sold-out run at the Wang Center.

Perahia is both romantic and thoughtful in an exhilarating account of Mozart

BOSTON SYMPHONY ORCHESTRA

Conducted by Bernard Haitink. Piano soloist, Murray Perahia. Mozart's Piano Concerto No. 21, and Bruckner's Symphony No. 9.

Symphony Hall, April 20, 22 & 25 at 8 pm, and today at 2 pm.

Rush seats available for the concerts this afternoon and tomorrow night.

By JONATHAN RICHMOND

Murray Perahia plays on a Steinway, and he uses every inch of his piano's technical advantage over the older "original" instruments which have now come into vogue. The result in Symphony Hall last night was one of the most sensuous, yet also intimate performances of Mozart's Piano Concerto No. 21 imaginable. Bernard Haitink is definitely of the pre-"authentic" school of performance, when it comes to Mozart, and is ideally matched to Perahia's expansive understanding of Mozart. With Haitink in command, every phrase breathes life; and orchestra and soloist are wed together to make a richly-colored, living whole.

Perahia has a way of finding a new hue of color for each measure, and his playing in the opening movement was of unfolding luxury, as he executed his soloist's role with a bright, joyous smile. For the audience last night, there was pleasure at the discovery of each nuance he uncovered.

Last Thursday's show brought a mixed bag of both offerings and results, ranging from the Boston premiere of a new work to established Mozart standards. Most varied was the choreography and execution. The first three pieces of the night were the Boston premiere of Donald Byrd's new work, "Shards." The somber, cerebral music of Moe Morye set the tone for the piece; while the diffuse, low lighting and dark corners further enhanced the effect. The floating, airy choreography seems to come into most of the piece, however, seemed to contradict the tight, constrained movement that opened and closed the piece. Even more from less.

Perahia's softer playing was especially profound, and the close relationships Haitink established between orchestral and pianistic voices makes it all the more evocative and arresting.

The slow movement was seriously done. Perahia's playing extending to create a seamless state of serenity. His is a romantic touch, and his music never ceases to sing; but it never fails to ask provocative questions, operating on intellectual as well as on emotional and spiritual levels.

The performance flowed forward as well as expanding outwards, the solo instrument's heartbeat in perfect harmony with that of the BSO.

The final movement saw both soloist and orchestra in a slightly playful mood; here was Mozart the child, and the child in us all.

The concert concluded with a gripping, over-loud performance of Bruckner's Symphony No. 9.

Recommended recordings: Arguably the two most thought-provoking recordings of the Mozart Piano Concertos come from Murray Perahia and Malcolm Bilson. Their approaches to Mozart are quite different — Bilson ever striving to attain "more from less" on his fortepiano, and succeeding — Perahia the-romantic composer wonderfully with Perahia-the-thinker. Murray Perahia performs with the English Chamber Orchestra (which he also conducts) on CBS. Malcolm Bilson plays with the English Baroque Soloists conducted by John Eliot Gardiner on DG.

through the dancing appeared soft in compar-

ation to the heavy shuffling of the music and lighting, it remained within context through slow and precise movement that was punctuated by short bursts of energy. The subtle contrast of dance and music brought about a tantalizing effect: "Shards" evoked a bright energy just be-

neath a calm, cool exterior, an energy waiting to break free but always kept in check. The dancing was exceptionally controlled and exact, almost balletic in form and precision — the entire troupe, and in particular the lead duo—danced with a wonderful sense of powerful nobility.

"Maskekula Language," by Alvin Ailey, followed and displayed many Ailey trademarks: it is a tale of the black American experience told in vigtette style, it has scintillating sexuality, and there is an extended use of props. Ailey's stage is cluttered with standard characters from Ailey's rep-
ertoire: painted ladies, pimps, and assorted lowlifes. The piece resonates with wanton sexuality, often tantalizingly offered but abruptly denied.

The dancers were perfectly in character, both in posture and motion, whether displaying slouched shoulders, a naughty stance, or a confused gaze. At times, however, the precision which the dancers brought to their characters and dance was a drawback because it had been an advantage in the earlier "Shards": the exacting movement lacked the necessary spontaneous emotion for the piece. "Maskekula Language" also seemed a bit dated in theme and execution, but there were moments which excelled: the piece was at its best when the choreography called for use of props or during scenes of fighting and violence.

The evening ended with Talley Beatty's "The Stack-Up," which proved the night's weakest offering. Compared with the two earlier works, it seemed simplistic and trite. The themes were similar to those in "Maskekula Language": motifs of emotional inclusion and exclusion, with the shadow of drugs darkening the final segment. However, these themes were brought out less through choreography than through the piece's actual storyline, giving "The Stack-Up" less depth than "Maskekula Language." The dancing showed plenty of energy and broad, painted-on smiles, but little true emotion.

Last Thursday's offering by the Alvin Ailey American Dance Theater proved only half successful, but a poor choice of works was more a stumbling block than poor dancing. The Alvin Ailey troupe proved once again their undeniable, energetic charisma and, with "Shards," their ability for executing heartfelt choreography.
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Compiled by Peter Durnin
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Tennis team has had good season

By Peter Tan

The MIT tennis team started the spring season with a tough but enjoyable trip out to sunny southern California.

After losing the first two matches to nationally-ranked University of California at San Diego and Pomona Pitzer College (5-4 and 6-3 respectively), the team rallied back to win the remaining three matches in California (6-3), gedlands University. MIT defeated Point Loma Nazarene College (5-4 and 6-3 respectively), the left field, provided the final run. A sacrifice fly to Showna Chang '92, in and, finally, a base hit. A sacrifice fly to Showna Chang '92, in and, finally, a base hit.

Tennis team has had good season

Organizational Meeting Wed. May 3
Umpire Meeting Wed. May 10
5:30pm

Student Center
Twenty Chimneys

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Frisbee squad wins upset victories

By Ali Azarbayejani

The MIT squash women's team started this year's competitive season with a surprising finish at the State University of New York at Albany Tournament April 1-2. The 12-team tournament was sponsored by the Ultimate Players' Association, begun with MIT seeded last out of the 11 college squads. The determined MIT squad began right away to demonstrate the inaccuracy of their basement rating to the tournament. MIT won only the lone club team, Loco. The Engineers traveled to New York to compete for the Purchase Cup.

The undergraduate and women's waterpolo club teams weekend's tournament.

Cycling team members compete over weekend

By Andrew Parsons

The MIT cycling club fostered its progress on the intercollegiate cycling scene with another good weekend, intermixing a lesson along the way.

A pair of sophomores, Andrew Parsons and Terry Totemeier, traveled to New Jersey to represent MIT at two races. On Saturday, the two raced in the Princeton University criterium, a 20-mile lap race. Both had poor starts and never could make up the deficit to remain in contention. Learning from their mistakes, this two-man team dominated the Rutgers University 15-mile criterium on Sunday. Parsons and Totemeier jumped to the front of the pack at the start of the race. By ten laps into the 25-lap race, the two were riding in a pack of six riders 30 seconds ahead of the main group. Things got interesting on the rain-soaked track when Totemeier crashed in a corner, taking out four other members of the pack. Only Parsons was clear of the wreck, and he soon found himself alone, 30 seconds in the lead. He rode most the remainder of the race by himself. On the final lap, Totemeier, who had recovered from the crash, pushed him to take the lead and finish first. Parsons ended up in second place.

Eddie Hernandez '90 and Charles Oppenheimer G, other members of the cycling club, traveled to Durham, NH, for a different race. The fast-paced field witnessed their at the end. Hernandez managed to hang on to the lead pack of riders. But with approximately one mile left in the race, the fast-moving pack forced Hernandez too close to a road curb and caused him to damage his rear wheel. This accident took away any hopes of high placement for Hernandez.

Sports Update

Volleyball loses in first round of EIVA

The squad from East Stroudsburg defeated the MIT men's volleyball team last Saturday in the first round of the Eastern Intercollegiate Volleyball Association tournament. MIT won only the second of four games (16-14), held at the US Naval Academy in Annapolis.

The MIT team was missing starter Joe Tang '89. This forced the Engineers to make a change in their lineup, moving Roland Rocefort '90 to Tang's position and middle hitter Allen Downey '89 to Rocefort's spot.

Coach Karyn Altman '78 blamed the loss on poor defensive play. "We could have dominated them if we had played any defense," she said. But she noted that a lineup change primarily hurts the defense, so "it hurts us to have Joe there."

Altman said the team could have beaten East Stroudsburg, who is ranked 17th in the nation. The Engineers are 1-3 versus Ivy League teams and 5-0 against Ivy League teams.

Women's water polo to host tournament

The undergraduate MIT women's waterpolo team is 1-2, having beaten Princeton and lost twice to Brows, in two separate tournaments. The team did beat brown, but lost twice to Harvard. They also tied Queens College.

The team will host an invitational tournament in the Alumni Pool this weekend.

Softball loses close game to Wheaton, 3-2

The MIT softball team lost a heartbreaking close game to Wheaton College, which is leading the New England Women's 8 conference 6-0 record. The Engineers are 2-1 until the 8th, when Wheaton picked up the tying run.

Then, in the bottom of the seventh, the leadoff batter for Wheaton goes on with a walk. She was moved to second, and then to third, by consecutive sacrifice flies. Finally, a wild pitch allowed the runner to score, ending the game with a 3-2 Wheaton victory.

The MIT team had earlier split a doubleheader against Brandeis last Saturday, losing the first game 2-4 and winning the second, played in a steady rain.

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Lacrosse breaks losing streak

By Adam Braff

The men’s lacrosse team snapped its five-game losing streak with a decisive 12-7 win over the Merrimack Warriors yesterday. The game, played at Steinbrenner Stadium on a reasonably warm, sunny day, showed that the Engineers are “finally starting to work together,” according to Coach Walter Alessi.

With seven new starters, the team had experienced difficulty working together during the recent four-game road trip, but they demonstrated more-than-ad- equate teamwork in yesterday’s contest.

Middle Dave Chang ’89 led both teams in scoring with five goals, the first coming just 14 seconds into the game. Chang ran the ball in from midfield and bounced it in a left-handed shot from ten feet out. Merrimack returned the favor three minutes later when Kevin Kisel bounced hard in a high twenty-footer to level the score at 1-1. MIT then took charge, scoring three more goals in the first quarter to grab the lead for good. Matt Lee ’89’s side-armed one goal from the left side, placing the ball to Chang, who drove to the goal and bounced it in from just outside the crease, making the score 7-2 in MIT’s favor at the half.

The Warrior coach was visibly upset at halftime, yelling at several of his players and noticeably complaining to his squad that “nobody wanted to take charge.” His analysis later proved correct when his team’s third-quarter rally fell short, due in part to a scoring burst by the Engineers.

In the third period, Merrimack actually outscored MIT 3-2. This figure is misleading, however, since the visitors’ goals all came at the end of the period. This potent rally continued into the fourth quarter, with the first two goals also going to Merrimack. Nonetheless, MIT halted the slide beautifully, with Chang scoring his fifth goal on a close-up shot that went in behind Lawrence’s back. Attackman Ed Kim ’89 then scored on an open net from five feet out on the right side, catching the Merrimack goalie well out of position. Kim finished the scoring with four minutes left in the game after cutting in on the left side and driving home a pass from Chang in front.

After the game, Alessi commented that his team was “still missing some connections, but the defense played better today,” and hoped that the win would be the “start of a winning streak, and not just a stop-gap.” Nee echoed his coach’s sentiments, adding that he was “glad [they] finally got a win.”

“Ken [Nimitz ’91] was also a big factor,” said Alessi of his relatively inexperienced goalie, “and he came up with the big saves, especially when we needed them.” Nimitz faced 21 shots in the 12-7 victory.

The Engineers’ next home game is against the Massachusetts Maritime Academy on Wednesday at 7:30.

By Michael Franklin/The Tech

Allie Bereny ’90 lobbs a shot towards the goal in Saturday’s loss to Harvard’s 3rd team.

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Michael Franklin/The Tech

MIT Microcomputer Center
Stratton Student Center, W20-021
Weekdays 10am-4:30pm, x3-7686
By Karen Chenensky
The MIT women's varsity crew finished second in the 1989 University in an away race on the Karanian River at Rutgers University in New Brunswick.

The race was called back after the start, when the second baseman had jumped the command, but after the second start things went smoothly until the end of the race. There was confusion about where the finish line was, because the raceroada were curved. The stakeholders marking the first were staggered slightly off the course, so it was difficult for the runners to tell which boats were ahead until the very end of the race. Furthermore, although there was a line of buoys roughly marking the end, they were not actually on the finish line; they were about a half-buoy-length farther on.

Because of a mistake by the official on shore marking MIT's varsity boat actually paddled about a length before the finish line. Luckily it only affected the boat's time and not its ranking. Columbia's varsity eight won with a time of 7:61.1 over the course, which was slightly slower than the regulation 2000 meters. MIT was second at 7:24.1 and Rutgers came in last at 7:32.8.

The junior varsity boat also came in second in its race, this time to Rutgers, in a race so close even the coxswains involved could not tell who won. MIT came in at 7:31 to Rutgers' 7:30.5. Even though Columbia had a good spread during the last 500 meters, gaining a few seats on MIT and Rutgers, they lost the race with a time of 7:28.8. Since the Columbia and MIT boats had been racing their shirts on the outcome of the race, the JV rowers are now the proud owners of MIT's JV shirts for the second year running.
Baseball wins several over long weekend

By Shawn Mastrian

The varsity baseball team moved to 4-5 with victories over Boston University, Eastern Nazarene, and a loss to Boston College over the long weekend.

In the third game of the weekend, played on Friday afternoon, MIT rallied from a three-run deficit in the bottom of the ninth to tie the score. Tim Day '89 then drove home Steve Stoller '89 with the winning run in the tenth inning to give MIT a 10-9 victory.

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In the Eastern Nazarene game, played on Saturday afternoon, MIT recorded its 59th consecutive dual place finishes, and Bill Singhose '90 placed in five events to help

Tiani led the way with two first place spots in the dash events, and Rensselaer Polytechnic Institute Men's lightweight crew splits races

By Anh Thu Vo

The Harvard varsity lightweight team lost to their opponents from Coast Guard Academy and Dartmouth College on Saturday, April 15, on the Charles River, but redeemed that loss by defeating Boston College and Harvard against Coast Guard the next weekend.

Softball destroys weak Suffolk squad, 16-7

By Michael J. Garrison

The softball team posted a huge win yesterday afternoon, defeating Suffolk University 16-7. Suffolk allowed 15 hits and seven free bases (eight hits in the fourth inning alone), while MIT's Lynn Albers '92 allowed only six hits and five walks. The win raised the Engineers' New England record to 6-2 (2 in conference play).

The game started out with a bang, in the top of the first MIT shut down Suffolk 1-0, without letting either team leave the infield. The Engineers also looked to be in strong shape when the first four MIT batters all scored. Two walks were followed by a single from Diane Di-Massia '88 and a double by Stephanie Ragucci '90. A passed ball allowed the fourth run to score.

But Suffolk recovered the momentum when the shortstop snagged a hard line drive from the bat of Linda D'Angelo '89 and doubled off the runner on first base, Lisa Johnson '92, to end the inning. They retained it through the top of the second, when four of the first five Suffolk batters crossed home plate. None of them, however, had gotten on base with hits.

After a fly to centerfielder Teri Lownstein '89, the next Suffolk batter grounded to first, and a flyout ended the inning.

Men's lightweight crew splits races

Rowing in the varsity eight on Friday were Chris Dohrer '89 (stroke), Harold Quitiusto-Bost '89, Doug Vincent '89, captain Tim Day '89, skipper Jim Broderick '89, Tony Antonelli '89, Bill Jarrold '89, Scott Rowland '88, and Dan Chag '87 (bow). Jessie Dottin '89 coxed.

The junior varsity eight showed similar results in their races against the same opponents. Harvard easily won the race with Dartmouth finishing second while MIT came in last.

The JV four handled the task much better during the race against Coast Guard the next day, according to coxswain Melissa Norcross '91. "We rowed the smoothest not too fast in any water despite the rough water we faced late in the day," she said. MIT finished two boat lengths in front of Coast Guard. MIT also won the triple jump at 45'3-3/4".

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